

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/002157

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G06T9/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>TAKAHASHI K ET AL: "Data compression coding of gray-scale images using bit planes"</p> <p>IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS 1985 (CAT. NO. 85CH2175-8)</p> <p>IEEE NEW YORK, NY, USA, 1985, pages 34-41 vol.1, XP009036209</p> <p>page 35, right-hand column, paragraph 4 -</p> <p>page 36, right-hand column, paragraph 2;</p> <p>figure 2</p> <p style="text-align: center;">----- -/--</p>	1-13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the International filing date

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\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the International filing date but later than the priority date claimed

\*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the International search

14 September 2004

Date of mailing of the International search report

06/10/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>WALLACE G K: "THE JPEG STILL PICTURE COMPRESSION STANDARD" IEEE TRANSACTIONS ON CONSUMER ELECTRONICS, IEEE INC. NEW YORK, US, vol. 38, no. 1, 1 February 1992 (1992-02-01), pages XVIII-XXXIV, XP000297354 ISSN: 0098-3063 page XXII, right-hand column, paragraph 3 - page XXIII, right-hand column, paragraph 1</p>	1-13
A	<p>SATO Y ET AL: "DATA COMPRESSION OF GRAY-SCALE IMAGES BY LEVEL PLANE CODING" ELECTRONICS &amp; COMMUNICATIONS IN JAPAN, PART I - COMMUNICATIONS, SCRIPTA TECHNICA. NEW YORK, US, vol. 71, no. 1, January 1988 (1988-01), pages 87-94, XP000827804 ISSN: 8756-6621</p>	
A	<p>WO 97/28517 A (KUTKA ROBERT ; SALAI ALBERT (DE); SIEMENS AG (DE)) 7 August 1997 (1997-08-07)</p>	
A	<p>US 5 361 220 A (ASANO MASANARI) 1 November 1994 (1994-11-01)</p>	

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 9728517	A	07-08-1997	DE	19603811 C1	09-01-1997
			WO	9728517 A1	07-08-1997
US 5361220	A	01-11-1994	JP	5225224 A	03-09-1993
			JP	3046115 B2	29-05-2000
			JP	5153402 A	18-06-1993
			JP	3046116 B2	29-05-2000
			JP	5153403 A	18-06-1993